

## ABSTRACT

Composite pipe formed by a metallic pipe with inner lining of plastic material resistant to corroding agents, the inner lining formed by a prefabricated plastic material lamina, curved to tubular shape to adapt it to the inner surface of the metallic pipe, its longitudinal edges abutting or separated by a small width joint. The curved lamina is placed inside the metallic pipe adhered to its inner surface, filling the joint between its longitudinal edges with a filler compatible with the plastic material of the lamina and the material of the metallic pipe, and resistant to the fluids to be conveyed through the composite pipe. Also, a method to manufacture said composite pipe, comprising placing into the metallic pipe a curved plastic material lamina, expanding same until adhering against the inner surface of the metallic pipe, by means of an adhesive, filling the joint between the edges of the curved plastic material lamina with a filler material. Also, a tool to carry out said expansion and the use of the composite pipe for conveying aggressive fluids.